

***The Kentucky NEED Project . . . in partnership with
The UK Tracy Farmer Center for the Environment
announces***

the fourth annual Energy Conference for Educators

***Energy & Education:
Making the Connection***

June 12 – 16, 2006

About the conference. . .

The 2006 Kentucky Energy Conference for Educators is not for the faint-hearted. Teachers will spend five activity-packed days touring Eastern

Kentucky, visiting energy sites and connecting energy to the classroom. A stipend as well as meals, lodging, and transportation on a luxury charter bus are provided courtesy of conference sponsors.

Scheduled tour stops include:

- Hydropower Plant
- HydroCarbon Plant, Natural Gas Well & Compression Station
- Coal-fired Power Plant
- Surface Coal Mine
- Kentucky Coal Museum and Portal 31
- Mine Reclamation Site
- Landfill Gas-to-Electric Generating Facility
- Solar School installation
- Geothermal site

Who can participate. . .

Twenty-four formal and non-formal educators representing grades K – 12 in Kentucky will be selected to participate.

What resources will be provided. . .

- **Curriculum:** Participants will receive NEED's classroom curriculum designed for their grade level: Primary (K–3), Elementary (4--6), Intermediate (6–8), Secondary (8–12).
- **Science kits:** Teachers will be provided science kits that include teacher guides, demonstrations, instructions and supplies for experiments.
- **Experts:** Kentucky energy experts will be present at each site and available throughout the conference.

What previous participants say . . .

"This has been one of the best teaching experiences I have had in my career." • *"Field Trips were great."* • *"It was a well-planned adventure of a lifetime."* • *"I came into this not knowing a lot and came out feeling so much better equipped to teach energy in my classroom."* • *"Thanks for a great week! The information and resources will be very helpful in my classroom."* • *"Above and beyond what was expected."*

Sponsored by:

Kentucky Office of Energy Policy • Equitable Foundation • LG&E Energy



Conference costs.

There is no fee for educators to attend the conference. A \$100 deposit is required and should be submitted with conference application. Deposit will be held and checks will be returned at the conclusion of the conference. Deposit will be forfeited if written cancellation notification is not received by May 15, 2006. Lodging is based on double-occupancy.

About the NEED Project

The National Energy Education Development (NEED) Project is a nonprofit organization that has focused on teaching students and teachers about energy for over 25 years.

NEED programs and activities are:

- Science-based
 - Interdisciplinary
 - Inquiry-based
 - Hands-on
 - Designed for grades K – 12
 - Reviewed by a National Teacher Advisory Board
 - Correlated to National Science Education Content Standards
 - Correlated to Kentucky Program of Studies
- www.need.edu

About the TFCE

The Tracy Farmer Center for the Environment is the University of Kentucky's focal interdisciplinary center for the comprehensive integration of research, education, and public service dedicated to: advancing our knowledge and understanding of environmental systems, the analysis and management of environmental problems and issues, the development of sustainable technologies and solutions to these environmental problems and issues, and the successful transfer and dissemination of these technologies to state, federal, and local governments, private organizations, businesses and corporations, and individuals. <http://tfce.uky.edu/>

Energy and Education: Making the Connection

June 12 – 16, 2006

Send registration to: *The Kentucky NEED Project*
P.O. Box 176055
Covington, KY 41017
Fax: 800-847-1820

Registration deadline is April 15, 2006*

Type or Print

School _____

School Street Address _____

City _____ **State** KY **Zip** _____ **County** _____

School E-mail _____

Home Address _____

City _____ **State** _____ **Zip** _____ **County** _____

Home Phone () _____

Home E-mail _____

Do you currently use NEED materials? ☐ Yes ☐ No

Do you participate in the CEDAR Program? ☐ Yes ☐ No

To this application, please attach a one-page summary statement as to how you think attending this conference will enhance how/what you teach about ENERGY. Include anything you think will help us understand how you plan to use the information you receive in your classroom, school and community.

1. Please note any special dietary requirements _____

2. Lodging is double occupancy.

- Are you: male/female smoker/non-smoker
- Do you have a roommate preference? _____
- If a single room is desired, a \$250 surcharge will apply.
 ☐ I prefer single occupancy; a separate check for \$250 is enclosed.

3. Other special needs? _____

4. Summary attached: ☐ Yes ☐ No

5. Deposit

☐ Check made payable to The NEED Project enclosed

☐ Credit card

I authorize NEED to charge my ☐ Amex ☐ Visa ☐ Master Card

Name of cardholder _____

Account Number _____

Expiration Date _____

Billing Address _____

*After April 15, 2006—contact the Kentucky NEED office at 859-802-2024 to inquire about space availability.

Note: Site visits are walking tours; therefore, participants should be in good physical condition. They will also be responsible for transporting their luggage from the bus to the hotel each night.